

10/526448

DT01 Rec'd PCT/PTT 02 MAR 2005  
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PATENT  
36856.1325

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of : Nobumasa KITAMORI and Tomohiro NAGAI	International Application No.: PCT/JP03/10282
Serial No.: Unknown	International Filing Date: August 13, 2003
Filed: Concurrently herewith	
For: ANTENNA APPARATUS AND TRANSMITTER/RECEIVER	

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants herewith submit copies of the prior art listed on the attached Form PTO-1449.

The prior art references nos. 2-8 were cited in the International Search Report for PCT Application No. PCT/JP03/10282.

Applicants cite EP 1 291 965 A1 because it is the European equivalent of WO 2002/071539. Applicants cite U.S. 6,246,298 because it is the U.S. equivalent of JP 11-127001.

The relevance of JP 56-104201 can be found in the International Search Report for PCT Application No. PCT/JP03/10282.

10/526448  
BT01 Rec'd PCT/PTC 02 MAR 2005

Applicants do not submit a copy of the U.S. reference as this is no longer a USPTO requirement.

The relevance of prior art references 10-12 can be found on pages 1 and 2 of the Substitute Specification filed concurrently herewith.

The prior art references nos. 13 and 14 are additional references that Applicants submit herewith.

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicants respectfully request that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: March 2, 2005

  
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Substitute for form 1449/PTO

Complete if Known

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/526448
Filing Date	
First Named Inventor	Nobumasa KITAMORI
Art Unit	
Examiner Name	
Attorney Docket Number	36856.1325

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	6,246,298	06/2001	Ishikawa et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number-Kind Code <sup>5</sup> (if known)	Publication Date MM -YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	2	JP 05-048316 (with English abstract and machine translation)	02/1993	JAPAN		X
	3	JP 6-350326 (with English abstract and machine translation)	12/1994	JAPAN		X
	4	JP 11-127001 (with English abstract and machine translation)	05/1999	JAPAN		X
	5	JP 08-078936 (with English abstract and machine translation)	03/1996	JAPAN		X
	6	JP 64-51302 (with English abstract)	03/1989	JAPAN		
	7	JP 56-104201	08/1981	JAPAN		
	8	WO 2002/071539	09/2002	WIPO		
	9	EP 1 291 965 A1	03/2003	EPO		
	10	JP 2001-217634 (with English abstract and machine translation)	08/2001	JAPAN		X
	11	JP 11-027036 (with English abstract and machine translation)	01/1999	JAPAN		X
	12	JP 11-038132 (with English abstract and machine translation)	02/1999	JAPAN		X
	13	JP 06-334426 (with English abstract and machine translation)	12/1994	JAPAN		X
	14	JP 10-300848 (with English abstract and machine translation)	11/1998	JAPAN		X

Examiner  
SignatureDate  
Considered

\*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.